

In the Claims

Please delete Claims 2-9, 11, and 23-31, amend Claims 1, 14-15, and 20-22 and retain Claims 10, 12-13, 16-19 as follows:

1. (Currently Amended) A power converter, comprising:
 - a first circuit converting an AC input voltage to a first predetermined DC output voltage;
 - a second circuit converting a DC input voltage to a second predetermined DC output voltage;
 - a third circuit receiving the first and second predetermined output voltages and generating an output voltage at a first output; and
 - wherein the first circuit and the second circuit receive the respective AC input voltage and DC input voltage at a common single connector.

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10. (Original) The power converter of Claim 1 comprising a fourth circuit coupled to said first output and providing a second DC output voltage at a second output, wherein said second DC voltage output is independent of, and substantially lower than said selectable DC output voltage.

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12. (Original) The power converter of Claim 1 wherein said second circuit comprises a DC-to-DC boost converter, wherein said DC-to-DC boost converter is adapted to provide a DC output voltage of between 15VDC and 24VDC.

13. (Original) The power converter of Claim 1 wherein said fourth circuit comprises a DC-to-DC buck converter providing said second DC output voltage, said DC-to-DC buck converter providing said second DC output voltage of between 3VDC and 15VDC.

14. (Currently Amended) The power converter of Claim 1 wherein the output voltage at the first output is established via a removable program module, wherein said removable program module comprises a key adapted to be removably coupled to said power converter.

15. (Currently Amended) The power converter of Claim 14 wherein said removable program module comprises a key having a resistor, wherein said first and second DC output voltage are a function of the value of said resistor.

16. (Original) The power converter of Claim 15 wherein said key establishes an output voltage function.

17. (Original) The power converter of Claim 15 wherein said key establishes an output current limiting function.

18. (Original) The power converter of Claim 1 wherein said first circuit is adapted to

receive an AC input voltage having a range of 90VAC to 265VAC.

19. (Original) The power converter of Claim 1 wherein said second circuit is adapted to receive a DC input voltage having a range of 11VDC to 16VDC.

20. (Currently Amended) The power converter of Claim 14 wherein said first and second predetermined DC output voltages are programmable as a function of said program module.

21. (Currently Amended) The power converter of Claim 10 wherein said fourth circuit comprises a second removable program module, wherein said second DC output voltage at said second output is a function of said different associated second removable program modules.

22. (Currently Amended) The power converter of Claim 10 wherein said fourth circuit further includes a protection circuit, said protection circuit provides an over-voltage protection function.

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